2812 13 Ton

LIMA LOCOMOTIVE CORPORATION

LIMA, OHIO, U. S. A.

GEARED LOCOMOTIVE

DETAIL INDEX No. 2812

Class S - 13 - SPECIAL **Dept.** 40

Engine Order No. 2812 19 15

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2812

2812
13 TON

FORM LED 60

Index No. 2812

Date of Issue MAY - 1915.

ADDI

ADDITIONS

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5-18-15.	7	43-44	M
"	17	54-55	M
8-18-15	12	39-60-61	M

Nov. 24th, 1919.

Locomotive 2812, Repair Order R-4204.

No report returned on the following parts:

Ash Pan
Ash pan rigging
Bell clapper fulcrum
Washout plug valve
Truck Pedestal or left body
Thrust plate
Engineers steam brake valve
Cab saddle plate
Cab tool Box
Syphon drain valve
Check pipe drain valve
Blow off cock
Blow off handle
Cylinder cock eye bolts
" " hand lever
" " rod
" " operating shaft
Connecting rod stub
Draw head pin
Expansion plate
Truss heads
Truck post guides
Drawhead blocks
End timber angle braces
Frame brake levers
Frame brake rods
Frame brake fulcrums
Frame brake loops
Grate shaker hand lever
Grate shaker connecting bar
Grate shaker connecting rod
Hand rail bracket at headlight
End timber handles
Number plate on smoke box
Push pole pockets
Fusible plugs
Sand Box rod handle
Sand box lever lug
Back sand box shaft
Back sand box shaft levers
Back sand box shaft hangers
Back sand box hand lever
Back sand box valve lever
Back sand box connecting rod
Smoke Box door liner
Steam bracket brace
End Timber stops
Whistle hand lever
Truck diagonal brace
Crosshead guide oil cups

LED. 60-A

LED. 61-1 × no report.

Page 1

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	ASH PAN	1 SET.	11960	STEEL PLATE.	—		—				
	2	" " Hopper	—			—		—				
	3	" " Slide	—			—		—				
	4	" " Door Frame	—			—		—				
	5	" " Slide Frame	—			—		—				
	6	" " Door Links	—			—		—				
	7	" " Damper Rigging	1 SET.	11960	ASH PAN CARD.	—		—				
	8	" " " Bell Crank	—			1	119-F-41	—				
	9	" " " " " Fulcrum (BRACKET.	—			1	1½" × 1" × 12¼"	—				
M	10	" " " Hinge	—			—		—				
	11	" " " Hinge Lug	—			—		—				
	12	" " " Hinge Bar	—			—		—				
	13	" " " Lift—Front	—			1	119-F-42	—				
	14	" " " Lift—Rear	—			1	119-F-43	—				
	15	" " " Lug BACK.	—			1	119-F-50	—				
	16	" " " " FRONT.	—			1	119-F-51	—				
	17	" " " Rod	—			1	119-F-47	—				
	18	" " Netting Frames	—			—		—				
	19	" " Slide Rigging	—			—		—				
	20	" " Slide Rod	—			—		—				
	21	" " " Jaw	—			—		—				
	22	" " Shaft Bearing	—			—		—				
	23	" " DAMPER BELLCRANK FULCRUM.	—			1	119-F-145	—				
	24											
	25											
	26											
	27											
	28											
A	29	BELL	1	12534		—		1	—	—	6866	—
B	30	" Frame	1	4574		—		1	4031	—	—	—
C	31	" " Base	1	12508 GROUP 9		—		1	01555	—	—	—
	32	" Stand	—			—		—				
B	33	" Yoke	—			—		1	4032	—	—	—
ASDK	34	" " Nut	1	3121 LINE 2		—		1	~~01183~~ 3876	—	—	—
B	35	" Crank	—			1	125-F-1	—				
A	36	" Tongue	—			—		1	—	6867	—	—
A	37	" " Fulcrum	—			—		1	6865	—	—	—
	38	" Ringer Bracket	—			—		—				
	39	" Rope ~~Eye~~ FERRULE	—			—		1	68	—	—	—
	40	" " Sheave	—			—		2	70	—	—	—
	41	" " ~~Thimble~~ CHAIR	—			—		1	69	—	—	—
	42	" " " FRAME	—			—		1	67	—	—	—
	43	" " DETAILS.	1 SET.	A-11153		—		—				
C	44	BOTTOM BRACKET	1	15502		—		1	5338	—	—	—
C	45	Bottom Bracket Caps	3	8730 SET 2		—		3	5339	—	—	—
B	46	" " Bearing—Top }	1 SET.	8719-SET 4		—		3	5342	—	—	—
B	47	" " Bearing—Bottom }	—			—		3	5341	—	—	—
BV	48	" " Bearing Wedges	3	8706-SET 7		—		3	5340	—	—	—
A	49	" " Wedge Screw Cap	3	8733		—		3	5407	—	—	—
AV	50	" " stude										
AV	51	" " wedge screw										
	52	BRACKETS	—			—		—				
	53	Air Gauge Bracket	—			—		—				
	54	Brake Valve Bracket	—			1	134-F 235 245	—				
C	55	Cab Lamp Bracket	1	~~11204~~ A-11412 TURRET CARD.		1	~~114-F-12~~ A-11412	—				
	56	Feed Pipe Brackets	—			—		—				
	57	Injector Bracket	—			—		—				
	58	Lubricator Bracket	—			1	¾" × 12" × 15"	—				
	59	Oil Cup Bracket	—			—		—				
C	60	Steam Gauge Bracket	1	11466 LINE 1		—		1	8482	—	—	—
	61	Siphon Hose Bracket	4	11301 STYLE 1		4	113-F-1	—				

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ADDITIONS

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"	16	20-21	M
"	8	6 7	M
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"	20	41-48-53-55	M
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"	11	10-12	M
"	8	45-46	M
"	10	59	M
"	20	11-12-5	M
"	5	59	M
"	5	50	M
"	1	23	M
5-8-15.	15	7	M
"	"	4-6	M
"	5	11	M
"	20	44	M
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5/10/15.	14	59	M
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"	20	22	M
"	2	1	M
"	15	3	M
"	17	48	M
5-12-15.	13	47	M
"	24	2-9.	M
5-13-15	8	53-55	M
5-17-15.	7	37	M
5-17-15.	15	2	M
5-18-15.	7	43-44	M
"	17	54-55	M
5-18-15	12	39-60-61	M

ADDITIONS

PAGE	ITEMS	DATE	PAGE	ITEMS	
		5-5-15.	14	37-38	M
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		"	21	38	M-E.P.D.
		"	21	46	M
		5-7-15.	1	55	M
		5-8-15.	20	29	M
		5-10-15.	1	55	M
		"	20	29	M
		"	3	57	M
		5-17-15.	1	34	M
		5-17-15.	15	45-46-47-53-54-56-58	M
		5-18-15.	9	56	M
		"	10	59	M
		5-19-15.	20	11-12	M
		5-10-15	1	54	

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Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	ASH PAN	1 SET.	11960	STEEL PLATE.	—		—				
	2	" " Hopper	—			—		—				
	3	" " Slide	—			—		—				
	4	" " Door Frame	—			—		—				
	5	" " Slide Frame	—			—		—				
	6	" " Door Links	—			—		—				
	7	" " Damper Rigging	1 SET.	11960	ASH PAN CARD.	—		—				
	8	" " " Bell Crank	—			1	119-F-41	—				
	9	" " " " " Fulcrum (BRACKET.	—			1	1 1/2" × 1" × 12 1/4"	—				
M	10	" " " Hinge	—			—		—				
	11	" " " Hinge Lug	—			—		—				
	12	" " " Hinge Bar	—			—		—				
	13	" " " Lift—Front	—			1	119-F-42	—				
	14	" " " Lift—Rear	—			1	119-F-43	—				
	15	" " " Lug BACK.	—			1	119-F-50	—				
	16	" " " " FRONT.	—			1	119-F-51	—				
	17	" " " Rod	—			1	119-F-47	—				
	18	" " Netting Frames	—			—		—				
	19	" " Slide Rigging	—			—		—				
	20	" " Slide Rod	—			—		—				
	21	" " " Jaw	—			—		—				
	22	" " Shaft Bearing	—			—		—				
	23	" "DAMPER BELLCRANK FULCRUM.	—			1	119-F-145	—				
	24											
	25											
	26											
	27											
	28											
VA	29	BELL	1	12534		—		1	—	—	6866	—
BV	30	" Frame	1	4574		—		1	4031	—	—	—
CV	31	" " Base	1	12508 GROUP 9		—		1	01555	—	—	—
	32	" Stand	—			—		—				
BV	33	" Yoke	—			—		1	4032	—	—	—
ASDF	34	" " Nut	1	3121 LINE 2		—		1	~~01183~~ 3876	—	—	—
BV	35	" Crank	—			1	125-F-1	—				
AV	36	" Tongue	—			—		1	—	6867 ✓	—	—
AV	37	" " Fulcrum	—			—		1	6865	—	—	—
	38	" Ringer Bracket	—			—		—				
	39	" Rope ~~Eye~~ FERRULE	—			—		1	68	—	—	—
	40	" " Sheave	—			—		2	70	—	—	—
	41	" " ~~Thimble~~ " CHAIR	—			—		1	69	—	—	—
	42	" " " FRAME	—			—		1	67	—	—	—
	43	" " DETAILS.	1 SET.	A-11153		—		—				
C	44	BOTTOM BRACKET	1	15502		—		1	5338	—	—	—
C	45	Bottom Bracket Caps	3	8730 SET 2		—		3	5339	—	—	—
BV	46	" " Bearing—Top	1 SET.	8719-SET 4		—		3	5342	—	—	—
BV	47	" " Bearing—Bottom	—			—		3	5341	—	—	—
AV	48	" " Bearing Wedges	3	8706-SET 7		—		3	5340	—	—	—
AV	49	" " Wedge Screw Cap	3	8733		—		3	5407	—	—	—
AV	50	" " stude										
AV	51	" " wedge screw										
	52	BRACKETS	—			—		—				
	53	Air Gauge Bracket	—			—		—				
	54	Brake Valve Bracket	—			1	134-F ~~2345~~ 3345	—				
C	55	Cab Lamp Bracket	1	~~11404~~ A-11412 TURRET CARD.		1	~~119-F-12~~ A-11412	—				
	56	Feed Pipe Brackets	—			—		—				
	57	Injector Bracket	—			—		—				
	58	Lubricator Bracket	—			1	3/4" × 12" × 15"	—				
	59	Oil Cup Bracket	—			—		—				
C	60	Steam Gauge Bracket	1	11466 LINE 1		—		1	8482	—	—	—
	61	Siphon Hose Bracket	4	11301 STYLE 1		4	113-F-1	—				

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	BOILER PLAN	1	15443	27½" STRAIGHT.	—		—				
	2	" Sections	—			—		—				
	3	" Material Bill	1 SET.	302		—		—				
	4	" Bracing List		XXXX			XXXX					
	5	" Brace Rod ~~Ends~~	—			2	117-F-50	—				
	6	" " " —	—			2	117-F-51	—				
	7	" " " "	—			—		—				
	8	" " " Lugs	—			—		—				
	9	" " " "	—			—		—				
	10	" " " "	—			—		—				
	11	" " " Jaws	—			—		—				
	12	" " " "	—			—		—				
	13	" " " "	—			—		—				
	14	" Sling Stay	—			—		—				
	15	" " "	—			—		—				
V	16	" Throat Brace	5	11701-SET 8		5	117-F-55	—				
	17	" " "	—			—		—				
	18	" Crown Bars	—			—		—				
	19	" " Roof Irons	—			—		—				
B	20	" Stay Bolt	1 SET.	7/8" DIAM.		—		—				
	21	" " "	—			—		—				
V	22	" Radial Stay	1 SET.	11703		1 SET.	11703	—				
	23	" " "	—			—		—				
	24	" " "	—			—		—				
	25	" Cross Stay	—			—		—				
	26	" Tee Irons	—			—		—				
	27	" Dome	—			—		—				
C	28	" " Flange	1	11634-SET 2		—		—				
	29	" " " Radius			13¾	—		—				
	30	" " Ring	1	~~11658-SET 1~~ 11673		1	116-F-20	—				
	31	" " Cap	1	~~11658-SET 2~~ 11674	DRILLING STYLE # 1	—		—				
	32	" Mud Ring	1	11644-SET 4 LINE 1		1	11644-SET 4 LINE 1	—				
	33	" " Drum	—			—		—				
	34	" Tube Sheet Ring	—			—		—				
C	35	" Smoke Box Ring	1	11602 SET 1 LINE 1		1	116-F-7	—				
	36	" " " "	—			—		—				
A	37	" Tube Setting		11632 STYLE 1		—		—				
	38	" " "	—			—		—				
	39	" Combustion Tube	—			—		—				
C	40	" Check Flange	2	11232-SET 1	PRESSED STEEL	—		—				
C	41	" Plug Flange	1	11403 LINE 1		—		1	—	—	5315	—
	42	" " " CAP	—			—		1	—	5031 V	—	—
	43	" Test Plate	1	420-D-449		—		—				
	44	" " Pressure, Steam			192 LBS.	—		—				
	45	" " " Water			200 "	—		—				
	46	" Working Pressure			160 "	—		—				
	47											
	48											
	49											
	50											
	51											
	52	BOLT LIST	—			—		—				
	53											
	54											
	55											
	56	BUMPER Buffer	—			—		—				
	57											
	58											
	59	BRAKE CYL. SUPPORT	—			—		—				
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
B	1	BRAKE Cylinder	1 SET.	13508		—		1	01644	—	—	—
	2	" "	—			—		—				
B	3	" " Head	—			—		2	1704	—	—	—
	4	" " Head	—			—		—				
C	5	" " Stuff. Box Gland	—			—		2	1705	—	—	—
	6	" " Stuff. Box Gland	—			—		—				
V	7	" Piston	2	13513 SET 1		—		2	01650	—	—	—
	8	" Piston	—			—		—				
A	9	" " Rings	4	13530 LINE 1		—		4	6288	—	—	—
A	10	" " "	2	3176 LINE 1		—		2	6780	—	—	—
	11	" " "	—			—		—				
B	12	" " Rod	1 SET.	13515 SET 4		1	135-F-20	—				
	13	" " "	—			1	135-F-22	—				
	14	" " Rings	—			—		—				
	15	" " "	—			—		—				
	16	" " "	—			—		—				
	17	" " "	—			—		—				
AC	18	" Heads	8	9802		—		8	5267	—	—	—
A	19	" Shoes	8	9820		—		8	5268	—	—	—
	20	" Strut	—			—		—				
	21	" Reservoir Blocks	—			—		—				
	22	" Reservoir Support	—			—		—				
	23	" Reservoir Strap	—			—		—				
	24	" Pump Bracket	—			—		—				
	25											
X	26	BRAKE VALVE	1	13504 LINE 2		—		—				
	27	" Valve Base	—			—		1	02710	—	—	—
	28	" " Cap	—			—		1	9745	—	—	—
	29	" " Slide Valve	—			—		1	—	—	929	—
	30	" " Stem	—			—		—				
	31	" " Handle	—			—		1	—	—	02802	—
	32	" " Stuffing Box	—			—		—				
	33	" " Stuffing Box Nut	—			—		1	—	—	04041	—
	34	" " Stuffing Box Follower	—			—		1	—	—	6840	—
	35											
	36											
A	37	CAB	1	11118 LINE 2	WOOD.	—		—				
	38	" Material Bill	—			—		—				
	39	" Brace	—			—		—				
	40	" Corner Bracket	—			—		—				
	41	" Corner Iron	—			—		—				
	42	" Roof Brace	—			—		—				
B	43	" Strap	—			—		—				
	44	" Saddle ANGLE.	—			1	111-F-25	—				
X	45	" " Plate	1	A-11172 GROUP 3		—		—				
	46	" Sash Fixture	—			—		—				
	47	" Storm Window	—			—		—				
	48	" Awning	—			—		—				
	49	" Curtain	—			—		—				
	50	" " Rod	—			—		—				
	51	" Door Fixture	1 SET.	A-11152		2	111-F-35	—				
	52	" " " ~~Rod~~ CLAMP	—			—		2	384	—	—	—
	53	" ~~Ventilator~~ SLIDE SCREW	—			—		2	—	—	—	02803
	54	" " Fixture	—			—		—				
	55	" " Handle	—			—		—				
	56	" Arm Rest	—			—		—				
A	57	" Seat	~~2~~ 1	A-11155		—		—				
A	58	" " Cushion	—			—		—				
	59	" Seat Post	—			—		—				
	60	" " Hinge	—			—		—				
	61	" " Rod	—			—		—				

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	CAB Tool Box	1	A-11154	WOOD.	—		—				
	2	" " " Cushion	—			—		—				
	3	" Firing Deck	—			—		—				
	4	" " " Plate	—			—		—				
	5	" Wind Sheet	—			—						
	6											
	7											
	8											
	9											
	10	COCKS (Plug Type)	—			—		—				
	11	Ash Pan Cock	—			—		—				
	12											
	13	Drip Cock (SIPHON DRAIN)	1	3" & COMMERCIAL		—		—				
	14	" " (CHECK PIPE DRAIN)	2	1" 4 "		—						
	15	Feed Cock	—									
	16											
	17	Steam Gauge Cock	1	FURN. WITH STEAM GAUGE.		—		—				
	18	" "				—		—				
	19	Tank Cock	—									
	20											
	21	Blow Off Cock	1	1" COMMERCIAL COCK.		—		—				
	22	" " " Cap	—			—		—				
	23	" " " Plug	—			—		—				
	24	" " " Nut	—			—		—				
	25	" " " Washer	—			—		—				
	26											
	27	Oil Cock	—			—		—				
	28	" " Cap	—			—		—				
	29	" " Plug	—			—		—				
	30	" " Nut	—			—		—				
	31	" " Washer	—			—		—				
	32											
B	33	Plug Cock (FOR INJ. CHECK.)	2	3/4" COMMERCIAL COCK.		—		—				
	34	" " Cap	—			—		—				
	35	" " Plug	—			—		—				
	36	" " Nut	—			—		—				
	37	" " Washer	—			—		—				
	38											
	39											
	40											
	41											
	42	COCKS (Valve Type)	—			—		—				
A	43	Cylinder Cock	4	3/8" UNION BIBB COCKS.		—		—				
	44	" " Nut	—			—		—				
	45	" " Shank	—			—		—				
	46	" " Valve	—			—		—				
	47											
B	48	Gauge Cock	3	1/2" EDNA.		—		—				
	49	" " Valve	—			—		—				
	50	" " Cap	—			—		—				
	51	" " Stem	—			—		—				
	52	" " Gland	—			—		—				
	53	" " Nut	—			—		—				
	54											
	55	Port Cock	—			—		—				
	56											
	57	Water Gauge Cock	—			—		—				
	58											
	59											
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	COCK RIGGINGS	—			—		—				
	2	Blow-off Cock Rigging	—			—		—				
	3	" " " Handle	+			1	150-F-10	—				
	4	" " " Rod	—			—		—				
	5											
	6	Cylinder Cock Rigging	1 SET	7327 LINE 1		—		—				
X	7	" " Eye Bolt	2	7305 - SET 1		2	73-F-1	—				
X	8	" " Hand Lever	1	7313		—		1	01885	—	—	—
C	9	" " Rod Lever	2	7305 SET 2		—		2	—	—	—	7815
X	10	Cylinder Cock Lever	—			—		—				
	11	" " Rod	—			+	1/2" DIA. X 27 3/4"	—				
	12	" " Lever Fulcrum	—			—		—				
	13											
	14	CONNECTING RODS	2	11-2419 8986 8908		2	89-F-90 89-F-11	—				
A	15	Crosshead Pin Brass—Top	2 PAIR	8927 SET 1		—		2	—	—	02575	—
A	16	Crosshead Pin Brass—Bottom	—			—		2	—	—	02574	—
A	17	Crank Pin Brass—Top	2 PAIR	8925 SET 2		—		2	—	—	5297	—
A	18	Crank Pin Brass—Bottom	—			—		2	—	—	5297	—
B	19	Connecting Rod Strap	—			2	89-F-12 FINISH SIZES 3 1/2" X 11" X 7/16"	—				
A	20	" " Wedge—Top	—			2	FINISH SIZES 7/4 X 1" X 3/8"	—				
A	21	" " Wedge—Bottom	—			2		—				
	22	" " Key—Top	—			—		—				
	23	" " Key—Bottom	—			—		—				
A	24	" " wedge bolts & hexd nuts										
A	25	" " strap bolts										
A	26	" " wedge bolts cracked										
A	27	CROSSHEAD	2	237		—		2	2852	—	—	—
K	28	" Shoe	—			—		—				
A	29	" Guide	4	5058		—		4	CC-10	—	—	—
	30	" Pin	—			—		—				
1-A 2-C 2-A	31	COUPLING RING & bolts	4	4835		—		4	—	4264	—	—
	32	" "	—			—		8	—	4265	—	—
	33	" "	—			—		—				
	34	" "	—			—		—				
16-A	35	" " Oil Cellar	—			—		16	4266	—	—	—
	36	" " " "	—			—		—				
	37	" " " "	—			—		—				
	38	" " " "	—			—		—				
16-A	39	" " Bushings—Front	—			—		8	—	—	02601	—
	40	" " Bushings—No. 2	—			—		—				
	41	" " Bushings—No. 3	—			—		—				
	42	" " Bushings—Rear	—			—		8	—	—	02601	—
	43											
	44											
B	45	CRANK SHAFT	1	15705 - 58		—		—				
B	46	Counterbalance	4	15706		—		4	5331	—	—	—
	47	" Weight	—			—		—				
	48	" "	—			—		—				
	49	" "	—			—		—				
B	50	" Yoke	—			4	157-F-1	—				
A	51	Horn Coupling	2	9025 SET 9		—		2	—	7010	—	—
A	52	" "	—			—		—				
	53											
	54											
	55											
	56	CYL. HEAD COVER	—			—		—				
	57	Valve Chamber Head Cover	—			—		—				
	58											
B	59	CYLINDER HOOD	1	A-11171		—		—				
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	CYLINDER	1 SET	15907				1R 1L	5290 9686			
	2	"		15907								
	3	Cylinder Head	2	7200 SET 4				2	5291			
	4	" " Casing										
	5	" Frame										
	6	" "										
	7	" Guide										
	8	" "										
	9	Steam Chest Cover	2	7400 SET 3				2	5296			
	10	Steam Chest Casing relief valve										
	11	Valve Chamber Head										
	12	" " "										
	13	" " Cover										
	14	" " Bushing										
	15	" Stem Crosshead						2	01561			
	16	" Stem Crosshead Guide	2	8081 SET 5				4	6843			
	17	" Stem Crosshead Guide Plates										
	18											
	19											
	20	DOME CASING Base	1	12029 LINE 1								
	21	" " Shell										
	22	" " Top						1	5009			
	23	" Flow Bowl	1	12029-LINE 1	DOME CASING CD.							
	24	Auxiliary Dome Casing										
	25	" Flow Bowl										
	26											
	27											
	28	DRAWHEAD	2	10419				2	5666			
	29	Draw Gear Brace										
	30	" " "										
	31	" " Frame										
	32	" " " Tie Plate										
	33	" " Friction Plate										
	34	" " Connecting Rod										
	35	" " Yoke										
	36	" " " Block										
	37	Drawbar Guide										
	38	Drawpin—Front				1	104-F-35					
	39	" —Back				1	104-F-35					
	40	Shackle Bar (Eng. & Tender)										
	41	" " Key										
	42	" " Gibs										
	43	" " Brace										
	44	Shackle Bar Pin										
	45	Safety Link										
	46	" " Pins										
	47	Coupler										
	48	" Followers										
	49	" Yoke										
	50	" " Screw										
	51	" Carry Iron										
	52	" Hook										
	53	" Link										
	54	" Lever										
	55	" Screw										
	56	Uncoupling Shaft										
	57	" "										
	58	" " Bracket										
	59	Screw Coupling										
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	DRY PIPE										
	2	" " Ring										
	3	" " Support										
	4	" " Yoke										
	5											
	6											
	7											
	8											
	9	ECCENTRIC—No. 1 Cylinder	2	8409-SET 1				1	39-3 5333			
	10	" No. 3 Cylinder						1	39-4 5332			
	11	" No. 2 Cylinder—Top										
	12	" No. 2 Cylinder—Bot.										
	13	" STUDS.										
	14											
	15	ECCENTRIC Strap Top	4	8406-SET 1				4	9734			
	16	" " Bottom						4	9735			
	17	" " Liner										
	18	" " Filler										
	19	" " BOLTS.	8	8406-SET 1	ECCENTRIC STRAP CD.							
	20											
	21	ECCENTRIC Rod	4	8411-SET 1		4	84-F-4					
	22	" "										
	23	" " BOLT.										
	24											
	25	ELBOWS										
	26	Safety Valve Elbow										
	27	Whistle Elbow										
	28											
	29											
	30	EXTENSIONS										
	31	Blow Off Extension										
	32	Gauge Cock Extension	3	11464 SET 2				3			9725	
	33	Water Gauge Extension										
	34	Lubricator Valve Extension										
	35	Safety Valve Extension										
	36	Whistle Extension										
A-S D	37	STEAM GAUGE COCK EXTENSION	1	11464 SET 1				1			8476	
	38											
	39	ERECTING PLAN—Elevation		16205								
	40	" " —Sections		13249								
	41	" Frame Supplement										
	42											
C	43	END TIMBER Arrangement F.	1	B-10326 LINE 1								
C	44	" " " B.	1	B-10326 LINE 2								
	45	" " Channels										
	46											
	47											
C	48	EXHAUST Drop Pipe	1	12802				1	5428			
C	49	" " Pipe Flange						1	5344			
A	50	" Nozzle				1	128-F-5					
	51	" "										
	52	" "										
	53	" Extension										
	54	" Gland										
	55	" Reducer										
	56	" Reducer Gland										
	57	" Reducer Elbow										
	58	" Pipe Extension										
C	59	" Pipe Elbow	1	12800 SET 2				1	5429			
	60	" " Joint Ring										
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
X	1	EXPANSION PLATE	1	12315 SET 4	PLATE.	—		—				
	2											
	3											
	4	FURNACE BEARER	—			—		—				
	5	" "	—			—		—				
C	6	Boiler Pad—Right	1	10719-SET 1		—		1	2818	—	—	—
V A	7	" " —Left	1	5558 SET 3		—		1	5107	—	—	—
	8											
	9											
	10	FEED WATER WORK	—			—		—				
	11	" Pipe Hanger	—			—		—				
	12	" Hose Connection	—			—		—				
	13	" Hose Con. Nuts	—			—		—				
	14	" Hose Con. Nipples	—			—		—				
	15											
	16											
	17	FIRE BRICK	—			—		—				
	18	" " Arch Tube	—			—		—				
	19	" " " " Setting	—			—		—				
	20											
	21											
B	22	FIRE DOOR	1	12702		—		1	C-32	—	—	—
C	23	" " Frame	—			—		1	C-34	—	—	—
C	24	" " Liner	—			—		1	C-33	—	—	—
B V	25	" " Latch	—			1	127-F-1	—				
C V	26	" " " Guide	—			1	127-F-2	—				
C	27	" " Catch	—			1	127-F-3	—				
	28	" " Details	—			—		—				
	29	" " Register	—			—		—				
V A	30	" " Oil Can Shelf	1	11448		—		1	01887	—	—	—
	31	" " Shield	—			—		—				
B V	32	" " HANDLE	—			1	127-F-5	—				
V A	33	" " Pin										
	34	FLANGES	—			—		—				
	35											
	36											
	37											
C	38	FRAME	1	16725 LINE 2		—		—				
C	39	" Boiler Saddle	2	4538 LINE 2		—		2	5433	—	—	—
	40	" " Pad Clamp	1 SET.	4787-SET 3		—		2	—	1612 V	—	—
C	41	" ~~Bolster Brace~~ BOILER PAD CLAMP	—			—		1	—	1610 V	—	—
C	42	" ~~Bolster Fill Blocks~~ " "	—			—		1	—	1611 V	—	—
C	43	" Centre Plate	2	9607 SET 2		—		2	9700	—	—	—
	44	" Filling Block	—			—		—				
C	45	" Side Bearing—Right	2	4145 SET 1	?	2	7/8" X 5" X 11 1/4"	—				
C	46	" Side Bearing—Left	2	4145 SET 3		2	7/8" X 3 1/2" X 12"	—				
	47	" Spreader	—			1	110-F-33	—				
C	48	" Smoke Box Pad	2	13007 SET 2		—		2	2821	—	—	—
C	49	" Truss Pad	4 PAIR	4305		—		4	—	3883 L. V	—	—
C	50	" Truss Post Head	2	4516		—		2	3978	—	—	—
C	51	" Truss Post Socket	2	12442 C+ 4407		—		2	2814	—	—	—
C	52	" Truss Rod Washers	8			—		8	3884	—	—	—
V B	53	Main Truss Rod—Right	—			2	1 1/4" DIA. X 70"	—				
V B	54	Main Truss Rod—Left	—			—		—				
A	55	Truss Rod Ends	—			8	1 1/4" DIA X 48"	—				
C	56	" ~~PADS~~	~~4~~			—		4	—	3882 R	—	—
	57	" " "	—			—		—				
X	58	" HEADS	4	40		—		4	—	1537 V	—	—
	59	Truss Rod Columns	—			2	1 1/2" DIAM. X 11 1/2"	—				
	60	" " "	—			—		—				
X	61	" Post Guides	2	5354 SET 8		—		—				

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		FRAME (Cont.)										
	1	Frame Brace	—			—		—				
	2	" "	—			—		—				
	3	" "	—			—		—				
	4	" "	—			—		—				
	5	" End Timber—F.	+	~~10351 LINE 1~~	~~WOOD.~~	—		—				
	6	" " " —B.	+	~~10351 LINE 1~~	"	—		—				
X	7	Drawhead Blocks	2	A-10306 SET 8	"	—		—				
	8	Frame Pit Irons	—			3	110-F-37	—				
	9	" " "	—			1	1" X 2" X 40"	—				
	10	" " "	—			—		—				
	11	" " "	—			—		—				
	12	" End Casting	—			—		—				
	13	" " Timber Brace	4	11065 SET 6		—		4	—	7151 V	—	—
	14	" Quadrant Bracket	—			—		—				
	15	" Running Board Bracket	—			—		—				
	16	" Grate Shaker Bracket	1	11828 SET 1	GRATE HRGT. CARD.	1	118-F-59	—				
	17	" Brake Cylinder Bracket	—			—		—				
	18	" Smoke Box Brace Pad	—			—		—				
C	19	" CORNER ANGLES	1 SET.	A-11008 SET 7		—		—				
	20											
	21											
	22											
	23											
	24											
	25	FRAME BODY BRAKE										
	26	Brake Cyl. Support	—			—		—				
X	27	Brake Lever	1 SET.	13413 SET 12		2	1" X 2 1/2" X 43 1/2"	—				
	28	" "	—			—		—				
	29	" "	—			—		—				
	30	" "	—			—		—				
	31	" "	—			—		—				
	32	" "	—			—		—				
	33	" "	—			—		—				
	34	" "	—			—		—				
X	35	Brake Lever Fulerums	1 SET.	13417 SET 3		2	134-F-230	—				
	36	" " "	—			—		—				
	37	" " "	—			—		—				
X	38	Brake Lever Guides	1 SET.	13416 SET 7		2	134-F-224	—				
	39	" " "	—			—		—				
	40	" " "	—			—		—				
	41	" " "	—			—		—				
	42	" " "	—			—		—				
	43	" " "	—			—		—				
X	44	Brake Rods	1 SET.	13408 SET 9		1	134-F-405	—				
	45	" "	—			1	134-F-406	—				
	46	" "	—			—		—				
	47	" "	—			—		—				
	48	" "	—			—		—				
	49	" "	—			—		—				
	50											
	51											
	52											
	53											
	54											
	55	FUEL BUNK	—			—		—				
	56	" Rack	—			—		—				
	57	" Board	—			—		—				
	58											
	59	FUEL BUNK GATE	—			—		—				
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	GAUGE COCK DRIPPER	1	11430 SET 2		—		1	01918	—	—	—
	2											
	3											
	4	GEAR COVERS	4 SET.	10116 SET 6		—		—				
	5											
	6											
	7	GEAR RIM	4	8803		—		4	—	23	—	—
	8	" " Bolt	16	8860 SET 7		—		—				
	9	" " Key	8	8824 SET 7		—		—				
	10											
	11											
	12											
	13	GRATE ARRANGEMENT	1	11825	FOR COAL.	—		—				
	14	" Bars	—			—		3	01922	—	—	—
	15	" "	—			—		—				
	16	" "	—			—		—				
	17	" Bar Connection	—			—		—				
	18	Grate Center Rail	—			—		—				
	19	" Side Rail R	—			—		1	5742	—	—	—
	20	" " " L	—			—		1	5766	—	—	—
	21	" Dead Plate	—			—		1	5743	—	—	—
	22	" " "	—			—		—				
	23	" Drop Plate	—			—		—				
	24	" Dump Shaft	—			—		—				
	25	" " " Bearing	—			—		—				
	26	" " Shaft Links	—			—		—				
	27	" " Shaft Lever	—			—		—				
	28	" " Lever	—			—		—				
	29	" Shaft Box—Right	—			—		—				
	30	" Shaft Box—Left	—			—		—				
	31	" Shaft Bracket—Top	—			—		—				
	32	" Shaft Bracket—Bottom	—			—		—				
	33	" Shaker Brackets	—			—		—				
	34	" " "	—			—		—				
	35	" " Lever	—			—		—				
	36	" " Shaft	—			—		—				
	37	" " " Lever	1	5370 SET 6		1	118-F-52	—				
	38	" " " Hand Lever	1	11818 LINE 13		1	118-F-65	—				
	39	" " Lever Connection	1	11810 LINE 15		1	118-F-56	—				
	40	" " Connection Bar	1	11838 SET 9		1	118-F-60	—				
	41											
	42											
	43											
	44											
	45											
	46	HAND RAIL	—			—		—				
	47	" " Balls	—			—		—				
	48	" " Columns	2	11420 STYLE 1		—		2	2993	—	—	—
	49	" " "	2	11420 STYLE 2		—		2	1174	—	—	—
	50	" " BRACKETS (HEADLIGHT)	2	10010		—		2	8455	—	—	—
	51	" " " Blocks	2	11420 STYLE 6		—		2	5720	—	—	—
	52	" " " "	—			—		—				
	53	" " Flanges	2	11420 STYLE 5		—		2	8981	—	—	—
	54	" " Bumper Post	—			—		—				
	55	Handle Column	—			—		—				
	56	" "	—			—		—				
	57	Handles (For Coal Bunk)	—			—		—				
	58	Cab Handle	4	11167 LINE 1		—		4	1605	—	—	—
	59	End Timber Handles	2	~~A 10386 SET 1~~ B-10326 LINE 1		2	103-F-25	—				
	60	" " "	—			—		—				
	61	Tank Handle	2	15158-SET 1		2	151-F-5	—				

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		LAGGING & FINISH										
	1	Lagging (Boiler)	1 SET.	M.O. 285	MAGNESIA	—		—				
	2	" Panel	—			—		—				
	3	" "	—			—		—				
	4	" "	—			—		—				
	5	" Angle Iron	—			—		—				
	6	" " "	—			—		—				
	7	Jacket (Boiler)	—			—		—				
	8	" Band	—			—		—				
	9	" "	—			—		—				
	10	" Clip	8	310-D-17		—		8	—	—	—	21061
	11	" "	—			—		—				
	12	Plug Casing	2	D-42151		—		2	—	—	—	D-15373
	13	" "	—			—		—				
	14	" Cover	—			—		—				
	15	Cylinder Lagging	—			—		—				
	16	" Jacket	—			—		—				
	17											
	18											
	19											
	20											
	21	LINE SHAFT	—			—		—				
	22	" " —Front	1	9163 LINE 2		1	2¼" DIA. X 69 5/8" FINISH SIZES	—				
	23	" " —2nd Truck	—			—		—				
	24	" " —3rd Truck	—			—		—				
	25	" " —Rear	1	9163 LINE 2		1	2¼" DIA. X 72 13/16" FINISH SIZES	—				
	26	" " Bearings—Outside	2 PAIR	9270 SET 9		—		2	—	—	936	—
	27	" " " "	—			—		2	—	936	937	—
	28	" " " "	—			—		—				
	29	" " " "	—			—		—				
	30	" " Bearings—Inside	2 PAIR	9270-SET 9		—		2	—	937	936	—
	31	" " " "	—			—		2	—	—	937	—
	32	" " " "	—			—		—				
	33	" " " "	—			—		—				
	34	" " Bearing Plates	—			—		—				
	35	" " " "	—			—		—				
	36	" " " "	—			—		—				
	37	" " " "	—			—		—				
	38	" " Collar	2	9179 SET 23		—		2	7784	—	—	—
	39	" " "	2	9179 SET 24		—		2	7784	—	—	—
	40	" " "	1	9167 SET 26		—		1	5785	—	—	—
	41	" " Brass	—	9270 SET 9		—		—				
	42	" " "	—			—		—				
	43	" " "	—			—		—				
	44	" " "	—			—		—				
	45	" " Coupling	2	9055 SET 4	LINE SHAFT	—		2	—	9714	—	—
	46	" " "	—			—		—				
	47	" " "	—			—		—				
	48	" " "	—			—		—				
	49	" " Pinion	4	8803		—		4	—	23	—	—
	50	" " "	—			—		—				
	51	" " Washer	3	9118 ~~SET 1~~ SET 21		—		3	1336	—	—	—
	52	" " "	—			—		—				
	53	" " "	—			—		—				
	54	" " "	—			—		—				
	55											
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	57											
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Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	LINK	2	8102		—		2	—	5745	—	—
	2	" —Top Half	—			—		—				
	3	" —Bottom Half	—			—		—				
	4	" Saddle	—			2	81-F-5	—				
	5	" Block	—			2	1 7/8 x 1 3/8 x 2 1/2	—				
	6	Link Hanger	—			—		—				
	7	" Block Pin	2	XXXX	MACH. STEEL	2	XXXX	—				
	8	" Lifter	2	4009		2	81-F-4	—				
	9	" " Pin	1	~~8508 SET 10~~	582 A 5042	—		—				
	10	" SADDLE BOLT	2	8511 SET 7		—		—				
	11	" " "	2	8511 SET 8		—		—				
	12											
	13	NUMBER PLATE	1	12909 STYLE 1	N° 1	—		1	—	—	9739	—
	14	Builders Card	1	A-12910		—		1	—	—	6799	—
	15	Name Plate	—			—		—				
	16	Patent Plate	—			—		—				
	17	Property Plate	1	A-11031		—		1	9794	—	—	—
	18											
	19											
	20	OIL PAN	—			—		—				
	21	" Pan Damper Rigging	—			—		—				
	22											
	23											
	24	OIL BURNER	—			—		—				
	25	" " Support	—			—		—				
	26	Oil Cock Rigging	—			—		—				
	27	" Cock Rod	—			—		—				
	28	" " Shaft	—			—		—				
	29	" " " Hanger	—			—		—				
	30	" " Arm	—			—		—				
	31	" Operating Handle	—			—		—				
	32	" Heater	—			—		—				
	33	" Heater Support	—			—		—				
	34	" Burning Arrangement	—			—		—				
	35	" Piping Plan	—			—		—				
	36											
	37											
	38											
	39	OIL CUPS (BOTTOM BRACKET COVER)	3	5048		—		3	—	—	4515	—
	40	Bottom Bracket Oil Cup COVER	2	5566 SET 8		—		2	5412	—	—	—
	41	" " Oil Cup Cover	1	5566-SET 9		—		1	5413	—	—	—
	42	" " Oil Cup Hinge Lugs	3	5566 SET 2		—		3	4923	—	—	—
	43	Crosshead Oil Cup	—			—		—				
	44	" " " Cap	—			—		—				
	45	" " " Nut	—			—		—				
	46	Ecc. Strap Oil Cup	—			—		—				
	47	" " " " Cap	—			—		—				
	48	" " " " Nut	—			—		—				
	49	Gear Oil Cups	4	7127 STYLE 1		—		4	1116	—	—	—
	50	Gear Oil Cup Covers	—			—		4	1117	—	—	—
	51	Guide Oil Cup	4	7107 GROUP 1		—		4	—	—	4915	—
	52	" " " Cap	—			—		4	—	—	4916	—
	53	" " " Nut	—			—		—				
	54	Link Oil Cup	—			—		—				
	55	" " " Cap	—			—		—				
	56	" " " Nut	—			—		—				
	57	Packing Oil Cup	2	7109		—		2	—	—	4886	—
	58	" " " Cap	—			—		2	—	—	5090	—
	59	" " " Nut	—			—		—				
	60	BOTTOM BRACKET OIL CUP PLUNGER	3			—		3			4516	
	61	" " " LOCK NUT	3					3			4517	

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		OIL CUPS (Cont.)										
	1	Rod Oil Cup	2	7123		—		2	—	—	6399	—
	2	" " " ~~Cap~~ CHAMBER	—			—		2	—	—	6398	—
	3	" " " Nut	—			—		—				
	4	" " " ~~Plug~~ PISTON	—			—		2	—	—	6400	—
	5	Tumb. Shaft Oil Cup	—			—		—				
	6	" " " " Cap	—			—		—				
	7	" " " " Nut	—			—		—				
	8	Truck Box Oil Cup Cover—R. Box	4	5566 SET 5		—		4	02883	—	—	—
	9	" " Oil Cup Cover—L. Box	4	5566 SET 4		—		4	02870	—	—	—
	10	" " Oil Cup Cover Hinge Plate	4	5566 SET 3		—		4	02884	—	—	—
	11	Valve Stem Oil Cup	—			—		—				
	12											
	13											
	14											
	15											
	16	PILOT	—			—		—				
	17	Pilot Band	—			—		—				
	18	" Bottom Plate	—			—		—				
	19	" Corner Iron	—			—		—				
	20	" Brace	—			—		—				
	21	" Knee	—			—		—				
	22	Push Pole Pockets	4	A-10310		—		4	6902	—	—	—
	23											
	24											
	25											
	26	PIPE HANGERS	—			—		—				
	27											
	28											
	29											
	30	PIPING PLAN	—			—		—				
	31											
	32											
	33	PIPE FITTINGS	—			—		—				
	34	Air Gauge Fitting	—			—		—				
	35	Air Pump Oil Fitting	—			—		—				
	36	" " " " Nut	—			—		—				
	37	" " " " Swivel	—			—		—				
	38	Blower Fitting	—			—		—				
	39	" " Nut	—			—		—				
	40	Brake Release Check	1	13523		—		1	—	—	02769	—
	41	Brake Release Check Valve	—			—		1	—	—	02770	—
	42	Brake Ex.Fitting	—			—		—				
	43	" " " Nut	—			—		—				
	44	Coal Sprinkler Fitting	—			—		—				
	45	" " " Nut	—			—		—				
	46	" " " Swivel	—			—		—				
	47	Cylinder Oil Pipe Fitting	2 SET.	7138		—		—				
	48	" " " " Nut	—			—		—				
	49	" " " " "	—			—		—				
	50	" " " " Swivel	—			—		—				
	51	" " " Bracket	—			—		—				
	52	Angle Valve Nut	—			—		—				
	53	" " Swivel	—			—		—				
	54	Through Valve Nut	—			—		—				
	55	" " Swivel	—			—		—				
	56	Oil Cock Nut	—			—		—				
	57	" " Swivel	—			—		—				
	58											
	59											
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	PIPE UNIONS	—			—		—				
	2	Check Pipe Union	—			—		—				
	3	" " " Nut	—			—		—				
	4	" " " Swivel	—			—		—				
	5	Oil Pipe Union	—			—		—				
	6	" " " Nut	—			—		—				
	7	" " " Swivel	—			—		—				
	8	Steam Pipe Union	—			—		—				
	9	" " " Nut	—			—		—				
	10	" " " Swivel	—			—		—				
	11											
	12											
	13											
AV	14	PISTON HEAD	2	7504 LINE 1		—		2	01168	—	—	—
AV	15	" Packing Rings	4	7512 LINE 1		—		4	6272	—	—	—
BV	16	" Rod	2	7506 SET 1		—		—				
	17	" " Key	—									
	18											
	19											
	20											
	21	PISTON ROD PACKING			LIMA STD.	—		—				
VA	22	Packing Rings	6	7719 SET 6	BABBITT	—		—				
	23	" Spring Washer	—			—		—				
VA	24	" Swab Cup	2	07735 SET 3		—		2	—	—	5375	—
	25	" Follower	—			—		—				
BV	26	Piston Rod Stuffing Box	2	7746 SET 2		—		2	6898	—	—	—
C	27	" " Stuffing Box Gland				—		2	6896	—	—	—
VA	28	" " Vibrating Cups	2	7734 SET 6		—		2	5287	—	—	—
C	29	" " Spring Washer	2	7733 SET 3		—		2	5376	—	—	—
C	30											
	31											
VA	32	PACKING STUDS Piston Rod	6	7736 SET 8		—		—				
VA	33	" " Valve Stem	4	7703		—		—				
	34											
	35	PLUGS	—			—		—				
	36	Arch Tube Plug	—			—		—				
VA	37	Back Head Plug	~~2~~ 1	11417 STYLE 2		—		1	—	—	02674	—
VA	38	Crown Plug	~~2~~ 2	11417 " 1		—		2	—	—	02675	—
	39	Ecc. Strap Plug	—			—		—				
VA	40	Firebox Plug	4	11417 STYLE 1		—		4	—	—	02675	—
	41	" "	—			—		—				
	42	Fusible Plug	1	11432 STYLE 1		—		1	—	—	7788	—
	43	Indicator Plug	—			—		—				
	44	Smoke Box Plug	—			—		—				
VA	45	Tube Sheet Plug	1	11417 STYLE 1		—		1	—	—	02675	—
	46	Test Plug	—			—		—				
	47	Waist Plug	~~1~~	~~11442 LINE 1~~		—		—				
	48	Washout Plug Valve	1	11403 LINE 1	PLUG FLANGE	—		1	—	—	5032	—
	49											
	50											
	51											
	52											
X	53	RUNNING BOARD	1 SET.	10944-LINE 2	WOOD.	—		—				
	54	" " Bracket	1 SET.	10913 SET 1		6	109-F-73	—				
	55	" " "	—			5	109-F-72	—				
	56	" " "	—			1	109-F-75	—				
	57	" " "	—			6	½"x2"x 26¼"	—				
	58	" " "	—			5	½"x2"x 12¼"	—				
	59	" " "	—			1	109-F-165	—				
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
BV	1	REVERSE LEVER	1	8303		1	83-F-95	—				
AD	2	" " Arrangement	1	8357		—		—				
C	3	" " Handle	1	D-3550	PRESSED STEEL	—		—				
C	4	" " Latch	—			1	83-F-105	—				
C	5	" " " Guide	—			—		—				
BV	6	" " " Rod	—			1	83-F-106	—				
	7	" " Latch Details	1 SET.	8354		—		—				
C	8	" " Quadrant	1	4773 LINE 1		1	83-F-15	—				
C	9	" " " ~~Support~~	—			1	83-F-20	—				
BV	10	" " " Bracket	1	10912 SET 4		1	109-F-60	—				
	11	" " " ~~Plate~~ n	—			1	109-F-65	—				
	12	" " Fulcrum	—			—		—				
C	13	" " QUAD. Bracket	—			1	⅝"x 3"x 26¾"	—				
	14	" " Foot Rest	—			—		—				
	15	" " Ball Coupling	—			—		—				
BV	16	" " Shaft	1	8308 STYLE 6		1	83-F-~~100~~	—				
	17	" " " Length	—		6¼ 6⅞"	—		—				
BV	18	" " " Stand	1	5471 SET 9		1	83-F-26	—				
	19											
	20											
	21	SAND BOX—Front	1	12254 LINE 2		—		—				
C	22	" " Base	—			—		1	01746	—	—	—
JA	23	Sand Box Top	—			—		1	01757	—	—	—
C	24	Sand Box Lid	—			—		1	3846	—	—	—
B	25	Sand Box Valve	—			—		2	01734	—	—	—
C	26	Sand Box Lever—Short	—			—		1	01766	—	—	—
X	27	Sand Box Lever—Long	—	D-5337-SET 2		—		1	D-12654	—	—	—
X	28	Sand Box Rod Handle	1	12208		—		1	01858	—	—	—
	29	Sand Box Rigging	—			—		—				
	30	" " Valve	—			—		—				
	31	" " "	—			—		—				
	32	" " Arm	—			—		—				
	33	" " "	—			—		—				
	34	" " Rod	—			1	122-F-21	—				
	35	" " Lever	—			—		—				
	36	Air Sander	—			—		—				
	37											
CA	38	SAND BOX—Back	2	12205 LINE 1		—		2	1387	—	—	—
C	39	Back Sand Box Base	2	12250		—		2	246	—	—	—
C	40	Back Sand Box Top	—			—		2	2-A-162	—	—	—
C	41	Back Sand Box Covers	—			—		2	3715	—	—	—
B	42	Back Sand Box Valve	2	3257		—		2	01735	—	—	—
X	43	Back Sand Box Shaft Hanger	2 SET	12209		—		2	01736	—	—	—
X	44	Back Sand Box Shaft Hanger Caps	—			—						
X	45	Back Sand Box Hand Lever	—			1	122-F-~~35~~ 65	—				
	46	" " " " " Fulcrum	—			~~1~~	~~122-F-50~~	—				
	47	" " " " Rod	—			~~1~~	~~122-F-57~~	—				
	48	" " " Horiz. Lever	—			—		—				
	49	" " " " " Fulcrum	—			—		—				
	50	" " " " " Guide	—			—		—				
	51	" " " Rod Jaws	—			—		—				
	52	" " " " "	—			—		—				
X	53	" " " Shaft	—			1	122-F-70 1 DIAM. XIII FT.	—				
X	54	" " " " Lever	—			2	122-F-~~25~~ 28	—				
X	55	" " " Valve Lever	—			2	122-F-30	—				
X	56	" " " Valve Rod	—			1	122-F-~~42~~ 24	—				
	57	" " " " "	—			—		—				
AV X	58	" " " " " Conn.	—			1	122-F-~~47~~ 89	—				
	59	" " " Rod Bell Crank	—			—		—				
	60	" " " " " " Fulcrum	—			—		—				
	61	" " " ARRANGEMENT		X Y X		—		—				

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	SIGNAL FIXTURES	—			—		—				
	2	Flag Socket	—			—		—				
	3	Lamp Bracket	—			—		—				
B	4	Headlight Bracket	2	10000 SET 5	PLATE.	—		—				
	5	" Shelf	—			—		—				
	6											
	7											
C	8	SIPHON	1 SET.	11302		—		1	5256	—	—	—
C	9	" Tube	—			—		1	5257	—	—	—
	10	" Pipe Flange	1	11305 SET 1		—		1	8523	—	—	—
C	11	" Goose Neck	1	3388		—		1	3190	—	—	—
C	12	" Stand Pipe	1	11308 SET 2		—		—				
C	13	" Stand Pipe Flange	—	11305 SET 1		—		1	6251	—	—	—
C	14	" " " "	—			—		1	6252	—	—	—
	15	" Hose Strainer	1 SET.	15176	2" PIPE TAP.	—		—				
	16	" Hose Strainer Body	—			—	8261	1	01863	—	—	—
	17	" Hose Strainer Cap	—			—	82-62	1	01864	—	—	—
	18											
	19											
	20	SMOKE BOX Brace—Right	1	13006 SET 1	DRILL TO SUITE S.	1	130-F-7	—				
C	21	" " Brace—Left	1	13006 SET 1	" " "	1	130-F-8	—				
C	22	" " " PAD.	2	13000 SET 5		—		2	4981	—	—	—
	23											
	24	SMOKE BOX FRONT	1	12956		—		1	D-10185	—	—	—
	25	" " " Door	—			—		1	D-10186	—	—	—
	26	" " " Liner	—			—		—				
X	27	" " Door Liner	—			—		1	D-10187	—	—	—
	28	" " " Buttons	—			—		6	D-10188	—	—	—
	29											
	30											
	31	SMOKE BOX ARRANGEMENT	1	12931	STEEL PLATE	—		—				
A	32	" " Deflecting Plate	—			—		—				
	33	Deflecting Plate Angle	—		1 SET. CD. 12931	—		—				
C	34	Draft Pipe	1	12931	SMOKE BOX ARRGT. CARD.	—		—				
C	35	" " Hanger	0			2	129-F-36	—				
	36	" " "	—			—		—				
	37	" " "	—			—		—				
	38	Netting ~~Frame~~	—			—		—				
	39	" Ring	—			—		—				
	40	Cinder Pocket	—			—		—				
	41	Cinder Pot Base	—			—		—				
	42	Cinder Pot Lid	—			—		—				
	43	Cinder Pot Hand Wheel	—			—		—				
	44	Cinder Pot Yoke	—			—		—				
	45	Cleaning Hole	—			—		—				
	46	Cleaning Hole Flange	—			—		—				
	47	Cleaning Hole Cover	—			—		—				
	48											
	49											
	50											
A	51	SQUARE SHAFT—Front	1	9017 SET 6 LINE 3		1	90-F-27	—				
A	52	" " —Back	1	9017 SET 6 LINE 4		1	90-F-28	—				
	53	" "	—			—		—				
	54	" "	—			—		—				
	55	" "	—			—		—				
A	56	" " Sleeve	1	9021 LINE 2		—		1	—	9836	—	—
A	57	" " "	1	9021 LINE 3		—		1	—	9837	—	—
	58	" " "	—			—		—				
	59	" " "	—			—		—				
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
B	1	SMOKE STACK (Type TAPER)	1	12626 SET 3		—		1	6325	—	—	—
	2	Smoke Stack Base	—			—		—				
	3	" " Extension	—			—		—				
	4	" " Top	—			—		—				
	5	" " Cone	—			—		—				
	6	" " Ring	—			—		—				
	7	" " Cleaning Hole	—			—		—				
	8	" " " " Cap	—			—		—				
	9	" " Cone Bracket	—			—		—				
	10	" " Hasp	—			—		—				
	11	" " Hinge	—			—		—				
	12	" " " Lugs	—			—		—				
	13	" " Hook	—			—		—				
	14	" " Ring	—			—		—				
	15	" " " Angle	—			—		—				
	16	" " Staple	—			—		—				
B	17	" " Saddle	1	3208 LINE 1		—		1	2880	—	—	—
	18											
	19											
	20											
	21	SNOW PLOW	—			—		—				
	22											
	23											
	24	SPEED RECORDER RIGGING	—			—		—				
	25											
	26											
B	27	STEAM BRACKET	1	15650		—		1	7554	—	—	—
	28	" " Back	—			—		—				
X	29	" " Brace	1	8708		1	87-F-3	—				
	30											
	31											
	32											
10X	33	STEAM PIPES	—			—		—				
10C	34	" " Top Flange	1	12101 SET 13		—		1	5893	—	—	—
	35	" " Bottom Flange	—			—		—				
	36	" " Elbow	—			—		—				
	37	" " "	—			—		—				
	38	" " Tee Head	—			—		—				
B	39	" " Joint Ring	2	12108 SET 12		—		2	—	—	5419	—
B	40	" " " "	1	12114		—		1	—	—	5420	—
10	41	" " Casing	—			—		—				
C	42	" " Flange	2	12101 SET 18		—		2	5422	—	—	—
C	43	" " Nipple	2	A-12124 SET 4		2	121-F-35	—				
C	44	" " "	1	A-12124 SET 7		1	121-F-125	—				
	45											
	46	STEPS	—			—		—				
	47	Bottom Bracket Step	—			—		—				
B	48	Cab Step	2	A-11174	WOOD.	4	111-F-33	—				
A	49	" " BRACKET.	—			4	111-F-33	—				
	50	" " Brace	—			—		—				
	51	Cylinder Step	—			—		—				
	52	Cylinder Hood Step	—			—		—				
	53	Dynamo Step	—			—		—				
X	54	End Timber Step—Front	4	B-10326 LINE 1	END TIMBER ARRGT. CARD.	4	103-F-22	—				
X	55	" " " —Back	4	B-10326 LINE 2	END TIMBER ARRGT CARD.	4	103-F-22	—				
	56	Headlight Step	—			—		—				
	57	Pilot Step	—			—		—				
	58	Sand Box Step	—			—		—				
	59	Step Hangers	—			—		—				
	60	Tank Ladder	—			—		—				
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	SUPERHEATER	—			—		—				
	2	Superheater Header	—			—		—				
	3	" Return Bends	—			—		—				
	4	" " "	—			—		—				
	5	" " "	—			—		—				
	6	" Pipe Clamp	—			—		—				
	7	" " " Bolt	—			—		—				
	8	" Dummy Coupling	—			—		—				
	9	" Unit	—			—		—				
	10	" Return Bends	—			—		—				
	11	" " "	—			—		—				
	12	" " "	—			—		—				
	13	" Pipe Support	—			—		—				
	14	" " Band	—			—		—				
	15	" Damper	—			—		—				
	16	" Damper Cylinder	—			—		—				
	17	" " " Head	—			—		—				
	18	" " " " Piston	—			—		—				
	19	" Damper Cyl. Piston Rod	—			—		—				
	20	" " " Support	—			—		—				
	21	" " Arm	—			—		—				
	22	" " Rod	—			—		—				
	23	" " Shaft	—			—		—				
	24	" " Shaft Bearing	—			—		—				
	25	" " Hinge	—			—		—				
	26	" " Counterweight	—			—		—				
	27	" Deflector Handle	—			—		—				
	28	" Steam Pipe Rings	—			—		—				
	29	" " " "	—			—		—				
	30											
	31											
	32											
	33											
	34											
	35	TANK—Water	1	15116 LINE1		—		—				
	36	" Material Bill	1SET.	117-B		—		—				
	37	Tank Coal Gate	—			—		—				
	38	" Funnel	1	15143		—		1	01856	—	—	—
	39	" " Lid	—			—		1	01857	—	—	—
	40	" Funnel Hinge	—			—		—				
	41	" " Handle	—			—		—				
	42	Tank Lug	4	A-15139 STYLE2		4	151-F-7	—				
	43	" "	—			—		—				
	44	" "	—			—		—				
	45	" Fuel Rack	—			—		—				
	46	" Shoveling Sheet	—			—		—				
	47											
	48											
	49											
	50											
	51	TANK—Oil	—			—		—				
	52	" Material Bill	—			—		—				
	53	" Funnel	—			—		—				
	54	" Lug	—			—		—				
	55	Tank Valve	—			—		—				
	56	Oil Tank Valve Rigging	—			—		—				
	57											
	58											
	59											
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
A	1	TANK Valve	2	3392 LINE1		—		2	—	—	942	—
	2	" " Details	—			—		—				
B	3	Tank Valve Body	—			—		2	940	—	—	—
A	4	" " Body Plate	—			—		2	01842	—	—	—
	5	" " Bottom Plate	—			—		2	01843	—	—	—
C	6	" " Top Plate	—			—		2	01845	—	—	—
	7	" " Cap	—			—		2	01847	—	—	—
	8	" " Handle	—			—		—				
C	9	" Valve Stem	2	A-15147-STYLE2		2	151-F-1	—				
	10	" " "	—			—		—				
C	11	" " Stem Nut	—			—		2	01846	—	—	—
C	12	" " Stem Handle	—			—		2	01849	—	—	—
C	13	" " Stem Clamp Nut	—			—		2	01848	—	—	—
B	14	Tank Valve Seat	—			—		2	—	—	941	—
	15	Tank Valve Rigging	—			—		—				
A	16	" " strainer										
	17											
	18											
	19											
	20	TENDER FRAME	—			—		—				
	21	" " Bolster—Top	—			—		—				
	22	" " Bolster—Bot.	—			—		—				
	23	" " Brace	—			—		—				
	24	" " "	—			—		—				
	25	" " "	—			—		—				
	26	Frame Centre Plate	—			—		—				
	27	" End Casting	—			—		—				
	28	" " Timber Brace	—			—		—				
	29	" Side Bearings	—			—		—				
	30	" Running Board Bracket	—			—		—				
	31											
	32											
	33											
	34	THROTTLE Arrangement	—			—		—				
B	35	Throttle Valve	1	12134		—		1	6239	—	—	—
B	36	" ~~Case~~ BASE	—			—		1	6240	—	—	—
B	37	" Valve Stem	1	12136		1	FINISHED SIZES 5/8" DIA. 14 5/8 LONG	—				
B	38	" ~~Joint Ring~~ JAW	—			—		1	—	—	02782	—
B	39	" ~~Pipe Flange~~ VALVE CAP	—			—		1	6241	—	—	—
	40	" Bell Crank	—			—		—				
	41	" " " Fulcrum	—			—		—				
	42	" Pipe Support	—			—		—				
	43	" " Yoke	—			—		—				
	44	" " Bracket	—			—		—				
	45	" " "	—			—		—				
	46	" Stuffing Box	—			—		—				
	47	" " " Flange	—			—		—				
	48	" " " Gland	—			—		1	6445	—	—	—
	49											
	50											
	51											
B	52	THROTTLE LEVER	1SET.	12136		1	121-F-84	—				
	53	Throttle Lever Handle	—			—		—				
	54	" " Latch	—			—		—				
	55	" " Quadrant	—			—		—				
	56	" " Fulcrum	—			—		1	—	—	5713	—
B	57	" " Guide	—			1	FIN. SIZES 1 3/8 X 16 3/8	—				
	58	" " Rod	—			—		—				
	59	" " Support	—			—		—				
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	TOOL BOX	—			—		—				
	2											
	3											
	4	TRUCK PLAN				—		—				
C	5	" ~~Supplement~~ BOLSTER	2 SET.	A-9513		—		—				
	6	" Frame	4	A-9783		—		—				
C	7	" Right Arch Bar	—			2	97-F-50	—				
C	8	" Left Arch Bar	—			2	97-F-50	—				
C	9	" Right Inverted Arch Bar	—			2	97-F-55	—				
C	10	" Left Inverted Arch Bar	—			2	97-F-55	—				
C	11	" Bottom Tie Bar	2	A-9779 SET 5		2	97-F-~~60~~ 218	—				
	12	" " " "	2	A-9779 SET 6		2	97-F-~~65~~ 88	—				
	13	" " " Fill. Block	—			—		—				
	14	" Column—~~Right~~	4	9420 SET 1		—		4	6848	—	—	—
	15	" " —Left	—			—		—				
B	16	" Crosstie Bar—Top	2	A-9755 SET 3		4	97-F-72	—				
	17	" " " "	2	A-9755 SET 1		—		—				
	18	" " " —Bottom	4	A-9755 SET 2		4	97-F-73	—				
	19	" " Washer	—			—		—				
	20	" Top Cross Tie—Ends	—			—		—				
	21	" Bottom Cross Tie—Ends	—			—		—				
	22	" Diagonal Braces R.	4 PAIR	A-9784 LINE 7		~~2~~	97-F-81	—				
	23	" " " L.	—			2	97-F-81	—				
	24	" Equalizer	—			—		—				
	25	" Bolster End Casting—R.	—			—		—				
	26	" Bolster End Casting—L.	—			—		—				
B	27	" " Separator	4	9414 SET 2		—		4	6849	—	—	—
C	28	" " Spring Centers	20	A-9548		—		20	2548	—	—	—
C	29	" Center Plate	2	9634 LINE 2		—		2	~~6975~~ 9701	—	—	—
	30	" Side Bearing	4	5509 SET 1		—		—				
C	31	" Side Bearing Base	—			—		4	3044	—	—	—
C	32	" Side Bearing Block	4	9626 LINE 2		—		4	6490	—	—	—
	33	" Tie Bar Bolster Washers	4	9534		—		4	5059	—	—	—
	34	" Brake Lug	—			—		—				
	35	" Pedestal Strut	—			—		—				
	36	" Gear Cover Bracket	4	10105 SET 1		4	101-F-15	—				
	37	" " " "	—			4	$\frac{5}{8}$"x3"x13 $\frac{5}{8}$"	—				
A	38	" Sand Hose Guides	2	10109 LINE 1		—		—				
	39	" Safety Chain—To Frame	—			—		—				
	40	" " " " "	—			—		—				
	41	" GEAR COVER GUIDE	4	10116 SET 6	GEAR COVER CARD.	4	101-F-22	—				
C	42											
	43											
FAV C	44	TRUCK BRAKE Beam	4	9879 LINE 2		—		—				
	45	" " " Saf'y Ch'ns	—			~~8~~	98-F-60	—				
	46	" " Beam Safety Loop	~~8~~			—		~~8~~	3120	—	—	—
C	47	" " Hanger	—			8	98-F-50	—				
A	48	" " Lever	4	9809 SET 11		2	98-F-48	—				
	49	" " "	—			2	98-F-49	—				
A	50	" " Pin	—			—		—				
	51	" " "	—			—		—				
	52	" " "	—			—		—				
A C	53	" " BEAM FULCRUM	4	9846		—		4	—	6847	—	—
	54	" " Lever Fulcrum	—			—		—				
C	55	" " Stop Lug	2 SET.	9813 SET 8		2	98-F-52	—				
C	56	" " Rod	—			2	98-F-51	—				
C	57	" " "	—			2	98-F-53	—				
	58	" " "	—			—		—				
	59	" " "	—			—		—				
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
B	1	TRUCK BOX—Right	4	9262		—		4	8168	—	—	—
	2	" " "	—			—		—				
	3	" " "	—			—		—				
	4	" " "	—			—		—				
B	5	" Box Cap—Right	4	9255 SET 4		—		4	938	—	—	—
	6	" " " "	—			—		—				
	7	" " " "	—			—		—				
	8	" " " "	—			—		—				
X	9	" Pedestal	4	9344		—		4	934	—	—	—
X	10	" " Cap	4	9330 SET 7		—		4	5140	—	—	—
	11	" Box—Inside	—			—		—				
	12	" " Cap—Inside	—			—		—				
	13	" Inside Box Spring Center	—			—		—				
X	14	" " Thrust Plate	4	9305 SET 7		—		4	—	—	939	—
A	15	" Oil Box Lid	—			—		—				
A	16	" Journal Brass	8	9254 SET 7		—		8	—	—	935	—
	17	" " " Wedge	—			—		—				
	18	Journal Brass Babbiting	—			—		—				
B	19	Truck King bolt,										
AV	20	" " " key										
	21											
	22											
FAV B	23	TRUCK AXLE	4	10213-#49		—		—				
	24											
	25											
A	26	TRUCK WHEEL (CHILLED)	8	9944 LINE 2 PAT. 7838		—		—				
	27	" "	—			—		—				
	28	" "	—			—		—				
	29	" "	—			—		—				
	30	" " Tire	—			—		—				
	31	" " Hub Plate	—			—		—				
	32											
	33											
B	34	TUMBLING SHAFT	1	8203 SET 1	ANGLE R. 1 $\frac{3}{8}$°	1	82-F-5	—				
	35	" " Arm	—			—		—				
	36	" " Collar	—			—		—				
	37	" " Box	—			—		—				
B	38	" " Box Cap	2	~~5305~~ 5308 SET 12		—		2	5295	—	—	—
A	39	" " Coupling Ball	1 SET.	8316		—		2	02166	—	—	—
C	40	" " Coupling Socket	—			—		2	02167	—	—	—
C	41	" " Coupling Cap	—			—		2	02167	—	—	—
	42											
	43											
	44											
	45											
B	46	TURRET	1	~~11404~~ 11428		—		1	—	—	6075	—
C	47	" Ball Joint NIPPLE	—			—		1	—	—	1156	—
	48	" Stuffing Box	—			—		—				
	49	" Stuffing Box Nut	—			—		—	—	—	287	—
	50	" Stuffing Box Follower	—			—		—	—	—	0210	—
	51	" Master Valve	—			—		—				
C	52	" ~~Master Valve~~ Nut	—			—		1	—	—	2672	—
	53	" Master Valve Stem	—			—		—				
	54	" Bonnet Ring	—			—		—				
	55	" Joint Ring	—			—		—				
	56	Turret (Auxiliary)	—			—		—				
	57	Safety Valve Turret	—			—		—				
	58	" " " Bushing	—			—		—				
	59	" " " Ring	—			—		—				
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		VALVES (Globe)										
JA	1	Brake Stop Valve	1	½" GLOBE - MALE END.		—		—				
	2	" " "										
	3											
	4											
	5	Bell Ringer Valve	—			—		—				
	6											
	7	Blow-off Valve	—			—		—				
	8											
	9	Cinder Swipe Valve	—			—		—				
	10											
	11	Drip Valve	—			—		—				
	12											
	13	Heater Valve	—			—		—				
	14											
AV	15	Lubricator Valve	1	½" GLOBE MALE END - ½" CPL UNION		—		—				
	16											
	17	Siphon Valve	1	1" GLOBE - MALE END		—		—				
	18											
	19	Angle Valve	—			—		—				
	20	" " Cap	—			—		—				
	21	" " Stem	—			—		—				
	22	" " Gland	—			—		—				
	23	" " Nut	—			—		—				
	24											
A	25	Blower Valve	1	½" GLOBE - MALE END		—		—				
	26	" " Cap	—			—		—				
	27	" " Stem	—			—		—				
	28	" " Gland	—			—		—				
	29	" " Nut	—			—		—				
	30											
	31	Dynamo Valve	—			—		—				
	32	" " Cap	—			—		—				
	33	" " Stem	—			—		—				
	34	" " Gland	—			—		—				
	35	" " Nut	—			—		—				
	36											
AV	37	Inj. Starting Valve	2	¾" ANGLE - MALE END		—		—				
	38	" " " Cap	—			—		—				
	39	" " " Stem	—			—		—				
	40	" " " Gland	—			—		—				
	41	" " " Nut	—			—		—				
	42											
	43	Sprinkler Valve	—			—		—				
	44	" " Cap	—			—		—				
	45	" " Stem	—			—		—				
	46	" " Gland	—			—		—				
	47	" " Nut	—			—		—				
	48											
	49	Through Valve	—			—		—				
	50	" " Cap	—			—		—				
	51	" " Stem	—			—		—				
	52	" " Gland	—			—		—				
	53	" " Nut	—			—		—				
	54											
	55	Tire Sprinkler Valve	—			—		—				
B	56	WATER GRUGE DRAIN VALVE	1	¼ GLOBE		—		—				
	57											
	58											
	59											
	60											
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		VALVES (Relief & Special)										
X	1	Brake Relief Valve	3	201		—		3	—	—	7079	—
	2	Brake Relief Valve Top	—			—		3	—	—	7080	—
	3	Brake Relief Valve Base	—			—		3	—	—	7081	—
AV	4	Steam Chest Relief Valve	2	7432 LINE 1		—		2	—	—	2641	—
	5	Steam Chest Relief Valve Base	—			—		2	—	—	2643	—
	6	Steam Chest Relief Valve Cap	—			—		2	—	—	2642	—
BV	7	INJECTOR CHECKS	2	¾" SWING - COMMERCIAL		—		—				
	8											
	9											
	10	VALVES (DISTRIBUTION)	—			—		—				
	11	Piston Valve	—			—		—				
	12	Piston Valve Follower	—			—		—				
	13	" " T-Ring	—			—		—				
	14	" " Snap Ring	—			—		—				
B	15	Slide Valve	2	~~7434~~ 7425 SET 1		—		2	5242	—	—	—
	16	" " Plate	—			—		2	5294	—	—	—
	17	" " Packing Strip	—			—		—				
	18	" " " "	—			—		—				
AV	19	" " Ring	2	7423 LINE 8		—		2	6296	—	—	—
	20											
	21											
	22											
	23	VALVE STEM	—			—		—				
C	24	" " Crosshead	2	8000 SET 3		—		2	—	5293	—	—
BV	25	" " " Guide	2	8007 SET 5		—		2	01561	—	—	—
	26	" " Crosshead ~~Gibs~~ PLATES	—			—		4	6843	—	—	—
	27											
	28											
BV	29	VALVE YOKE	2	7601 SET 1		2	76-F-5	—				
	30	" " Block	—			—		—				
	31	" " Key	—			—		—				
	32											
	33											
	34	VALVE STEM PACKING	2 SET	7703	FIBRE.	—		—				
	35	Packing Rings	—			—		—				
	36	" Spring Washer	—			—		—				
	37	" Swab Cup	—			—		—				
	38	" Vibrating Cup	—			—		—				
	39	" Follower	—			—		—				
C	40	Valve Stem Stuffing Box	—			—		2	5417	—	—	—
C	41	" " Stuffing Box Gland	—			—		2	5418	—	—	—
	42	" " Spring Washer	—			—		—				
	43											
	44											
	45											
B	46	WHISTLE	1	122		—		—				
	47	" Bowl	—			—		1	—	—	1761	—
	48	" Bell	—			—		1	—	—	1716	—
	49	" Valve	—			—		1	—	—	1762	—
	50	" Gland	—			—		—				
	51	" Nut	—			—		1	—	—	1763	—
	52	" Diaphragm	—			—		1	—	—	1764	—
A	53	" Lever	—			—		1	—	—	—	4998
A	54	" supply										
	55											
X	56	WHISTLE Hand Lever	1 SET	A-11149		1	111-F-10	—				
	57	" " " Fulcrum	—			—		—				
	58	" Rod	—			—		—				
	59	" Bell Crank	—			1	111-F-11	—				
	60	" Rod Thimble	—			—		—				
	61											

Check	Item	TITLE	No. Pce.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construction Notes	No. Pce.	FORGINGS Sketch No.	No. Pce.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
BV	1	WATER GAUGE	1	11496 SET 2	EDNA #3	—		—				
BV	2	" " Upper Fitting	1	EDNA.	LENGTH AND THREAD TO SUIT ERECT. SHOP.	—		—				
	3	" " " " Cap	—			—		—				
	4	" " " " Valve	—			—		—				
	5	" " " " Stem	—			—		—				
	6	" " " " Gland	—			—		—				
	7	" " " " Nut	—			—		—				
	8	" " " " Washer	—			—		—				
BV	9	" " Lower Fitting	1	EDNA.	LENGTH AND THREAD TO SUIT ERECT. SHOP.	—		—				
	10	" " " " Cap	—			—		—				
	11	" " " " Valve	—			—		—				
	12	" " " " Stem	—			—		—				
	13	" " " " Gland	—			—		—				
	14	" " " " Nut	—			—		—				
	15	" " " " Washer	—			—		—				
	16	" " Cock Elbow	1	11484 LINE 3		—		1	—	—	9209	—
	17	Water Gauge Lamp Bracket	1 SET.	11485		—		2	—	—	9297	—
	18	" " Marker	1	11489 SET 2		—		1	—	—	9485	—
	19	" " Marker Bracket	1 SET.	11485	WATER GAGE LAMP BRKT CD.	—		1	—	—	9448	—
	20	" " " LAMP BRACKET	—			—		1	—	—	9298	—
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LIMA STANDARDS

FRAME SHOP
MACH " A
" " B
MILL

Bx 12